Appl. No. 09/854,382 Amdt. Dated March 18, 2004

Claim 8 (original) A fuel cell assembly as claimed in claim 8, wherein surfaces of the anode and cathode flow field plates include grooves for the elastromotric seal material that fills the grooves and penetrates the gas diffusion layers, to form a seal with the membrane.

Claim 10 (original) A fuel cell assembly as claimed in claim 9, wherein each proton exchange membrane includes a peripheral flange, and the seal material is bonded to the peripheral flanges.

Claim 11 (original) A fuel coil assembly as claimed in claim 8, 9 end 10, wherein each flat, opposed face of the anode and cathode flow field plates includes flow field channels for gases.

Claim 12 (currently amonded) A bel cold assembly as claimed in claim 10, which [comprises a membrane electrode assembly <u>unit</u> intended for assembly with similar mombrane electrode assembles <u>unit</u>, into a larger fuel coll stack, the fuol cell assembly including, at either end thereof, end surfaces adapted for mating with end surfaces of similar membrane electrode assembles<u>units</u>.

Claim 13 (currently amended) A fuel cell assembly as claimed in claim 12, wherein at least one of said end surfaces is provided with a seal, for forming a seal with the end surface of another similar membrane electrode assemblyunit.

Claim 14 (original) A fuel cell assembly as claimed in claim 10, wherein each of the anode and cathode flow field plates includes, at one and thereof, a first fuel aperture, a first coolant aperture and a first oxident aperture, and at the other and thereof, a second fuel aperture, a second coolant aperture and a second oxidant aperture; wherein each of the anode and cathode flow field plates includes a first connection aperture at each one end and a second connection aperture at said other end for supply of material to form said seal.